

**REPAIR SOURCE QUALIFICATION STATEMENT
(10 USC SECTION 2319)**

SECTION A: ITEM IDENTIFICATION.

Stock Number (NSN): 6130-01-318-4321MZ

Part Number (P/N): 012-107455-01

Nomenclature: Power Supply

Application: Intercontinental Ballistic Missile SHF Satellite Terminal (ISST), AN/FSC-111

**SECTION B: JUSTIFICATION FOR ESTABLISHING A QUALIFICATION REQUIREMENT
AND REASON WHY QUALIFICATION REQUIREMENT MUST BE DEMONSTRATED PRIOR
TO CONTRACT AWARD.**

1. The Power Supply is a component of the AN/FSC-111 of the Intercontinental Ballistic Missile SHF Satellite Terminal (ISST). The proper operation of the Power Supply is vital to the operational capabilities of the ISST installation. Qualifying as a repair source is necessary to assure the government that the Power Supply repaired by the vendor will perform properly in the ISST environment. Failure to properly repair the Power Supply may result in compromising the operational capabilities of the AN/FSC-111. Completion of the specified repair source qualification requirements will ensure the government that the offeror is capable of repairing the Power Supply in compliance with the applicable specifications and data. The completion of these repair source qualification requirements will establish the technical capability of the vendor to support the government's need for the repair of this Power Supply.
2. This Power Supply is a component of the AN/FSC-111. The repair of this unit requires specialized techniques and precision work. Any contractor attempting to qualify to repair this Power Supply must show the capability to deal with this technology.

**REPAIR SOURCE QUALIFICATION STATEMENT
(PUBLIC LAW 98-525, 10 USC SECTION 2319)**

Stock Number (NSN): 6130-01-318-4321 MZ
Part Number (P/N): 012-107455-01
Nomenclature: Power Supply
Application: ISST, AN/FSC-111

SECTION C: QUALIFICATION REQUIREMENTS THAT MUST BE SATISFIED TO BECOME A QUALIFIED SOURCE AND QUALIFICATION WAIVER REQUIREMENTS.

1. Pre-qualification Notice. The offeror shall notify the Small Business Office or, if responding to a solicitation, the contracting officer in OO-ALC/LHK of intent to qualify as a source for this item.
2. Repair, Test and Inspection Capability. The offeror shall certify to the design control activity (OO-ALC/LHJE), the availability of the required repair, test, inspection, and diagnostic facilities and equipment, or provisions for their acquisition or utilization from another source.
3. Data Verification. The offeror shall verify possession of a complete data package by providing a list of applicable drawings, procedures, and specifications currently in his possession related to the repair of the Power Supply. The drawing package pertaining to this Power Supply is found in ITT Industries, Inc. drawing number 012-107455-01 and related drawings.
The contractor is solely responsible for acquisition of all source design criteria and data necessary to source qualify. The Air Force may assist the contractor in obtaining such data, however, it is understood and agreed that the contractor has full responsibility for obtaining the correct and complete data. It is further recognized and agreed that such responsibility is not diminished or waived by reason of any government assistance or failure to provide such assistance. Any baseline data provided by the Air Force shall not be construed as the most current, accurate, or complete. The contractor assumes all risk if the Air Force provided data is the sole basis for qualifications.
If the development of special test procedures not available from the government is required, the offeror shall make those procedures available for review and approval by the design control activity. When the offeror proposes to use industry standards during repair of the Power Supply, the offeror shall document the differences between the industry standard and the military standard, and state why those differences do not adversely affect the ability of the Power Supply to pass the final functional checkout. The design control activity shall determine if the industry standard is acceptable for use in the repair of the Power Supply.
4. Process Verification. The offeror shall identify sources for materials and standards for internally used processes. The offeror shall further define/provide written procedures for the utilization of any special test or inspection facilities and/or equipment. This documentation shall also include a diagnostic procedure showing the process the Power Supply being repaired would undergo. The repair process shall show how the offeror shall test, inspect, diagnose, repair and perform a final functional checkout. The ability to test Hardness Critical Items (HCI) will be required in cases where HCI parts are involved. Due to diminishing manufacturing sources (DMS), many of the piece-parts listed in the design may no longer be available. The contractor must be capable of locating alternative components to eliminate any DMS problems.
5. Test and Evaluation or Verification. The offeror shall submit to the design control activity an explanation of how they will certify that the test methods and repair procedures meet the specifications for the Power Supply. The government retains the option to inspect the offeror's repair and testing facilities. To allow accomplishing this, the offeror's facilities shall be made available to government inspection during the qualification effort upon ten days written notice of intent to inspect.
6. Quality Control Program. The offeror will provide a concise description of the current quality control program being used to ensure the proper repair of the subject Power Supply.
7. Sensitive Military Technology. Not applicable.

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Application: ISST, AN/FSC-111

8. Testing and Repair Evaluation. The offeror shall be required to submit a complete and comprehensive test and repair plan including a sample report verifying compliance with all performance, environmental, mechanical, and quality assurance requirements identified by ITT Industries, Inc. drawing number 012-107455-01 and related drawings.
This data shall describe in detail the point(s) in the repair process that testing occurred, and if failures are noted, the corrective action taken and the results of the retest. The government retains the option to inspect the repair and testing process. The offeror will provide notification to the government of testing and evaluation 30 days in advance so that the government can witness, if needed, and coordinate needed activities, support, etc.
9. Time Completion Estimate. It is the estimate of the design control activity that completion of this qualification effort should require no more than 90 days. This is based on complexity of the Power Supply and other factors. This is not a deadline but a notification to a potential offeror of the time we believe will be required. Events that occur during the qualification process may cause this time requirement to increase or perhaps decrease, depending on individual circumstances.
10. Time Limitation. An offeror may not be denied the opportunity to submit and have considered an offer for a contract if the offeror can demonstrate to the satisfaction of the contracting officer that the offeror (or its product) meets these standards for qualification or can meet them before the date specified for award of the contract. The award will not be delayed to provide the vendor with an opportunity to demonstrate its ability to meet the standards specified in this source qualification statement.
11. Evaluation of Proposals Not Previously Qualified. The offeror must be fully qualified in order to be eligible for a contract award. Therefore, the offeror must fulfill all of the requirements stated, in writing, in the source qualification statement before the date specified for award of the contract. The government reserves the right to award a contract at the time specified for award, to a qualified source even though other sources may not have finished qualifying.
12. Waiver. An offeror who has had previous experience in the repair of the Power Supply or other similar items may apply to the design control activity for a waiver of all or part of the above requirements. A waiver will be granted only if the design control activity can establish the qualification of the offeror from previous knowledge/interface or from written inputs from the offeror.
13. Approval. Once the qualification requirements are met, the offeror will be listed as an approved source for this item. Approval, however, does not guarantee subsequent contract award.

Performance Based Work Specification

Appendix A Repair for

**Power Supply NSN- 6130-01-318-4321 MZ,
P/N- 012-107455-01**

March 01, 2005

Prepared by:

**OGDEN AIR LOGISTICS CENTER (OO-ALC/LH)
HILL AIR FORCE BASE, UTAH 84056**

Jason E. Havey

1.0 SCOPE AND PURPOSE**1.1 Scope**

For the following end item(s), the contractor shall furnish all facilities, parts, materials, data, equipment and services that are required to disassemble, inspect, repair as necessary, upgrade to modern parts, reassemble clean and package. The contractor shall perform this work in accordance with the documentation associated with this item. This PBWS establishes the minimum work requirements to return the end items(s) to a serviceable and functionally, like new condition.

1.2 Purpose

The purpose of this work description document is to guide the contractor in the repair of the said items in the areas of work performance, test requirements, documentation, special requirements, quality control, packaging and shipping, condemnation issues, safety issues, support requirements and travel issues.

1.3 Background

The listed Items below will be shipped to the contractor for repair.

ITEM DESCRIPTION	NSN	P/N	QTY
Power Supply	6130-01-318-4321MZ	012-107455-01	3

2.0 REFERENCE DRAWINGS

The following documents are considered as reference manuals for the purpose of interpreting the requirements of this PBWS, but are not contractual requirements.

<u>Reference</u>	<u>Title</u>
MIL-STD-129N	Standard Practice for Military Marking
MIL-HDBK-263	Electrostatic Discharge Control Handbook for Protection of Electrical and Electronic Parts, Assemblies and Equipment
MIL-HDBK-454A	Standard General Requirements for Electronic Equipment
MIL-HDBK-470	Maintainability Program Requirements
DOD-STD-973	Configuration Management (Obsolete)
MIL-STD-130K	Identification Marking of U.S. Military Property
MIL-STD-461E	Electronic Interference Characteristics, Requirements for Equipment
MIL-STD-882D	System Safety Program Requirements
MIL-STD-1686C	Electrostatic Discharge Control Program for

IPC
IEEE
ANSI
ISO

012-107455-01

TO 31R2-2FSC111-01

Protection of Electrical and Electronic Parts, Assemblies,
and Equipment (Excluding Electrically Initiated Explosive
Devices)

Electronic Repair standards

Electronic standards

Engineering standards

Manufacturing standards

ITT Industries, Inc. drawing number

Technical Orders

3.0 **WORK PERFORMANCE**

- 3.1 The contractor shall clean to the degree necessary to adequately perform a visual inspection of all components. An inspection shall be performed to identify physically damaged and/or non-functional electrical components that do not comply with IPC Class 2 standards. The contractor shall replace all damaged and/or non-functional components.
- 3.2 The contractor shall electrically inspect all discrete components for electrical functionality using calibrated test and measuring equipment. Calibration of measuring equipment shall meet ANSI standards.
- 3.3 The contractor shall replace defective components with components that are equal to original design. If original design components are not available, components with equal electrical tolerance and functionality shall be used. Where quality and performance characteristics are unknown, the procurement office will be consulted for guidance.
- 3.4 The contractor shall use soldering techniques that will minimize damage to the circuit card.
- 3.5 The contractor shall repair burned, lifted, cracked and/or non-functional conductor traces and solder pads to IPC standards.
- 3.6 The contractor shall ensure the repair process is electro-magnetically compatible with the repaired part, the other equipment in the next higher assembly and with the environment. Adequate shielding and circuit separation shall be part of the repair. The repaired portion of the system shall comply with the conducted and radiated interference suppression requirements.
- 3.7 The contractor shall ensure nameplates and product marking are correct and accurate upon repair completion. The assemblies, subassemblies, and part that constitute this repair shall be marked for identification in accordance with existing style and format.
- 3.8 Interchangeability: Hardware items having equivalent functional, physical and performance characteristics shall be interchangeable. Design criteria shall incorporate features to prevent incorrect installation of items. New part shall be presented to the government engineer and equipment specialist for incorporation into the baseline data package (Drawing, Technical Orders)

- 3.9 Obsolescence Issues: Where items have been determined to be obsolete, a suitable replacement part shall be identified. The identity of the new part shall be presented to the government engineer and the equipment specialist prior to installation into the item being repaired. Upon approval, the contractor baseline data package shall be updated to indicate that the new part is in use. (Government engineer and equipment specialist will update government baseline data package).

4.0 **TEST REQUIREMENTS**

- 4.1 The contractor shall visually inspect for solder joint quality and visually inspect for board cleanliness in accordance with IPC class 3 standards.
- 4.2 The contractor shall electrically test all reworked or repaired components to demonstrate successful completion of work by using equipment specified test procedures and results delineated by the manufacturer, if any, or by good electronic practices.
- 4.3 The contractor shall functionally test the overall circuit board for proper performance using test data, where appropriate, using manufacturer supplied specifications, if any, or by using good electronic practices. Where performance specifications are unknown, the procurement office shall be consulted and, if needed, guidance given.
- 4.4 All item failures and component consumption data shall be documented and reported to the OO-ALC/LHJE for forecasting Diminishing Manufacturing and Material Shortages (DMSMS) issues. (CDRL A001, DI-MISC-81371).

5.0 **SPECIAL REQUIREMENTS** None

6.0 **QUALITY CONTROL**

- 6.1 The contractor shall develop, implement and maintain a quality assurance program for all materials, supplies and services at contractor, subcontractor, vendor and operational sites. Quality shall be ensured throughout the program in all areas of fabrication, assembly inspection testing, shipping and on-site installation.

7.0 **PACKAGING, HANDLING, SECURITY AND TRANSPORTATION**

7.1 **RECEIVING INSPECTION**

- 7.1.1 The contractor shall notify the Administrative Contracting Officer (ACO) or Quality Assurance Representative (QAR) of all damages and shortages or discrepancies discovered on receipt of any item(s).

7.2 **SECURITY**

- 7.2.1 No security provisions are required.

7.3 **MARKING**

7.3.1 Item(s) shall be marked with contract number and date of repair only.

7.4 HANDLING

7.4.1 This item has been identified as electrostatic discharge sensitive and will be handled in accordance with IPC standards for electrostatic sensitive devices.

8.0 CONDEMNATION

8.1 The contractor shall not condemn item(s) without prior approval by the Procurement Contracting Officer (PCO) through the ACO. The contractor will make disposition of the condemned item in the manner directed by the ACO.

9.0 SUPPLY/SUPPORT REQUIREMENTS

9.1 All Government Furnished Equipment (GFE), Government Furnished Software (GFS), and Government Furnished Material (GFM) shall be returned to the Air Force upon completion of this contract.

10.0 TRAVEL REQUIREMENTS

10.1 Travel will be in accordance with the Joint Travel Regulation, and approved by the PCO prior to travel being accomplished.

11.0 FOREIGN DISCLOSURE STATEMENT

11.1 Foreign disclosure requirements do not apply.

CONTRACT DATA REQUIREMENTS LIST

(1 Data Item)

Form Approved

OMB No. 0704-0188

The public reporting burden for this collection of information is estimated to average 110 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden, to the Department of Defense, Executive Services and Communications Directorate (0704-0188). Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. Please do not return your form to the above organization. Send completed form to the Government Issuing Contracting Officer for the Contract/PR No. listed in Block E.

A. CONTRACT LINE ITEM NO. B. EXHIBIT A C. CATEGORY: TDP _____ TM _____ OTHER N

D. SYSTEM/ITEM Repairable End Items E. CONTRACT/PR NO. FD2020-05-21976 F. CONTRACTOR

1. DATA ITEM NO. A0001 2. TITLE OF DATA ITEM Government Furnished Material Transaction Report 3. SUBTITLE G009

4. AUTHORITY (Data Acquisition Document No.) DI-ALSS-81533C 5. CONTRACT REFERENCE Work Description Document (WDD) 6. REQUIRING OFFICE LGMC

7. DD 250 REQ DD 8. APP CODE N/A 9. DIST STATEMENT REQUIRED See Block 16 10. FREQUENCY See Block 16 11. AS OF DATE See Block 16 12. DATE OF FIRST SUBMISSION See Block 16 13. DATE OF SUBSEQUENT SUBMISSION See Block 16 14. DISTRIBUTION a. ADDRESSEE b. COPIES Draft Final Reg Repro

16. REMARKS

(7) DD 250 or transmittal letter shall be mailed the last day of the month in which transactions occurred, covering all reports transmitted by AUTODIN/Electronically for the preceding month. DD Form 250 shall be mailed to : OO-ALC/LGMC, 6009 Wardleigh Road, Building 1209, Hill AFB, Utah 84056-5838

(9) The following distribution statement shall be displayed on the front cover of the document:

Distribution Statement B: Distribution authorized to U.S. Government agencies and only for administrative or operational use, determined 7 Mar 05. Other requests for this document shall be referred to OO-ALC/LGMC

(10)(11)(12)(13) Submit on a real time basis or as changes generate, but not later than two work days from the time that a supply or maintenance transaction occurs. The method of data reporting is intended to be the logical conclusion of normal contractor material accounting actions.

(14)(15) The data shall be transmitted Electronically to OO-ALC/UMYSS, Hill AFB, Utah, and will be distributed by the system which has been established for the purpose

NOTE: Refer to Atch 1 of DD 1423 for instructions if first time user of G009.

POC for G009 reporting is Carol Hensley, OO-ALC Hill AFB, UT 84056 (801) 777-3810

FOB Destination

G7000921

G. PREPARED BY H. DATE 5 Mar 05 I. APPROVED BY J. DATE 5 Mar 05

DD FORM 1423-1, FEB 2001

PREVIOUS EDITION MAY BE USED.

Page ____ of ____ Pages

17. PRICE GROUP

18. ESTIMATED TOTAL PRICE

HEADQUARTERS
OGDEN AIR LOGISTICS CENTER
UNITED STATES AIR FORCE
HILL AIR FORCE BASE, UTAH 84056

APPENDIX "C"

PR NR:FD2020-05-21976

DATE:11 Mar 2005

AF CONTRACT NR:

SAFETY INFORMATION

<u>SECTION</u>	<u>CONTENTS</u>	<u>PAGE</u>
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2	BIBLIOGRAPHY OF PUBLICATIONS/DIRECTIVES	4

APPENDIX C

SECTION 1

INDUSTRIAL SAFETY REQUIREMENTS:

1.1. General Requirements:

1.1.1. The contractor shall protect government property to prevent damage during the period of time the property is under the control or possession of the contractor.

1.1.2. The contractor shall include a clause in all subcontracts to require subcontractors to comply with the safety provision of this contract.

1.1.3. The contractor shall ensure that the safety designed into the system is not degraded by the repair methods or procedures, or changes initiated during work processes associated with this contract.

1.1.4. The contractor shall comply with all safety provisions, e.g. technical specifications, technical publications, etc., referenced in the work requirements of this contract.

1.1.5. Accident/Incident Reporting and Investigation:

1.1.5.1. The contractor shall report promptly to the Administrative Contracting Officer (ACO) all available facts relating to each instance of damage to government property.

1.1.5.2. When a major mishap (\$20,000 or more) involving government property occurs, the contractor shall immediately secure the accident scene and damaged item or wreckage until released by the accident investigative authority as designated by the contracting ALC Safety Office. Such release will be accomplished through the ACO.

1.1.5.3. If the government elects to conduct an investigation of the accident, the contractor shall cooperate fully and assist government personnel until the investigation is completed.

1.1.5.4. The contractor shall include a clause in each of his applicable subcontracts to require subcontractor's cooperation and assistance in accident reporting and investigation.

APPENDIX C

1.2. Specific Requirements:

1.2.1. Storage of government property shall be provided in accordance with DOD Regulation 4145.19-R-1, paragraphs 6-107, 6-108, 6-109a, 6-110, 6-117, 6-121 and 6-122.

1.2.2. Inspect and maintain hoists, cranes, slings, and other lifting equipment to ensure safe operation:

1.2.2.1. All lifting devices and equipment shall have sufficient capacity for the loads lifted.

1.2.2.2. All lifting devices and equipment shall be labeled to indicate their load capacity.

1.2.2.3. All lifting devices and equipment shall be visually inspected for damage or defects each day before being used.

1.2.3. Welding of aircraft or aerospace equipment will be in accordance with AFOSH Standard 91-5.

1.2.4. The storage and use of paint and dope materials in the vicinity of government property shall be in accordance with the applicable parts of National Fire Protection Association (NFPA) 33.

1.2.5. Flammable liquids in the vicinity of government property shall be handled and stored in accordance with the applicable parts of NFPA 30.

1.2.6. Flammable gas cylinders in the vicinity of government property shall be handled and stored in accordance with the applicable parts of NFPA 51.

1.2.7. Adequate portable or fixed fire extinguishing equipment shall be conspicuously located and readily accessible for immediate use in the event of fire.

APPENDIX C

SECTION 2

BIBLIOGRAPHY OF PUBLICATIONS/DIRECTIVES:

2.1. The documents listed herein are applicable to the extent required by other provisions of Sections 1. The listed documents of the issue in effect on date of invitation for bid or request for proposal, form a part of the specification to the extent specified herein.

NATIONAL FIRE PROTECTION
ASSOCIATION (NFPA) 30

Flammable and Combustible Liquids Code

NFPA 33

Spray Application Using Flammable and
Combustible Materials

NFPA 51

Oxygen-Fuel Gas Systems for Welding, Cutting
and Allied Processes

AFOSH STD 91-5

Welding, Cutting and Brazing

DOD Manual
4145.19-R-1

Storage and Materials Handling

94-2080 CO,COLORADO SPRINGS

WAGE DETERMINATION NO: 94-2080 REV (22) AREA: CO,COLORADO SPRINGS

HEALTH AND WELFARE LEVEL - TOTAL BENEFIT **OTHER WELFARE LEVEL WD:94-2079

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of LaborU.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210William W.Gross Division of
Director Wage DeterminationsWage Determination No.: 1994-2080
Revision No.: 22
Date Of Revision: 08/05/2004

State: Colorado

Area: Colorado Counties of Cheyenne, El Paso, Kit Carson, Lincoln, Teller

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support and Clerical Occupations	
01011 - Accounting Clerk I	11.34
01012 - Accounting Clerk II	12.60
01013 - Accounting Clerk III	14.16
01014 - Accounting Clerk IV	16.94
01030 - Court Reporter	14.56
01050 - Dispatcher, Motor Vehicle	12.88
01060 - Document Preparation Clerk	9.95
01070 - Messenger (Courier)	10.56
01090 - Duplicating Machine Operator	9.95
01110 - Film/Tape Librarian	9.34
01115 - General Clerk I	9.80
01116 - General Clerk II	11.03
01117 - General Clerk III	12.01
01118 - General Clerk IV	13.53
01120 - Housing Referral Assistant	16.16
01131 - Key Entry Operator I	9.97
01132 - Key Entry Operator II	12.61
01191 - Order Clerk I	10.52
01192 - Order Clerk II	11.41
01261 - Personnel Assistant (Employment) I	10.60
01262 - Personnel Assistant (Employment) II	11.95
01263 - Personnel Assistant (Employment) III	13.62
01264 - Personnel Assistant (Employment) IV	15.93
01270 - Production Control Clerk	16.43
01290 - Rental Clerk	10.62
01300 - Scheduler, Maintenance	13.08
01311 - Secretary I	13.08
01312 - Secretary II	14.56
01313 - Secretary III	16.16
01314 - Secretary IV	17.94
01315 - Secretary V	20.41
01320 - Service Order Dispatcher	10.44

01341 - Stenographer I	11.64
01342 - Stenographer II	13.08
01400 - Supply Technician	17.94
01420 - Survey Worker (Interviewer)	11.55
01460 - Switchboard Operator-Receptionist	11.08
01510 - Test Examiner	14.56
01520 - Test Proctor	14.56
01531 - Travel Clerk I	9.59
01532 - Travel Clerk II	10.26
01533 - Travel Clerk III	10.82
01611 - Word Processor I	11.74
01612 - Word Processor II	13.29
01613 - Word Processor III	14.86
03000 - Automatic Data Processing Occupations	
03010 - Computer Data Librarian	11.09
03041 - Computer Operator I	12.41
03042 - Computer Operator II	14.60
03043 - Computer Operator III	17.96
03044 - Computer Operator IV	19.18
03045 - Computer Operator V	20.00
03071 - Computer Programmer I (1)	22.78
03072 - Computer Programmer II (1)	24.82
03073 - Computer Programmer III (1)	27.62
03074 - Computer Programmer IV (1)	27.62
03101 - Computer Systems Analyst I (1)	27.62
03102 - Computer Systems Analyst II (1)	27.62
03103 - Computer Systems Analyst III (1)	27.62
03160 - Peripheral Equipment Operator	11.38
05000 - Automotive Service Occupations	
05005 - Automotive Body Repairer, Fiberglass	19.88
05010 - Automotive Glass Installer	13.78
05040 - Automotive Worker	13.78
05070 - Electrician, Automotive	14.65
05100 - Mobile Equipment Servicer	12.06
05130 - Motor Equipment Metal Mechanic	15.50
05160 - Motor Equipment Metal Worker	13.78
05190 - Motor Vehicle Mechanic	17.82
05220 - Motor Vehicle Mechanic Helper	14.33
05250 - Motor Vehicle Upholstery Worker	14.85
05280 - Motor Vehicle Wrecker	15.92
05310 - Painter, Automotive	16.85
05340 - Radiator Repair Specialist	15.83
05370 - Tire Repairer	10.67
05400 - Transmission Repair Specialist	17.82
07000 - Food Preparation and Service Occupations	
(not set) - Food Service Worker	8.53
07010 - Baker	11.04
07041 - Cook I	8.82
07042 - Cook II	10.09
07070 - Dishwasher	7.62
07130 - Meat Cutter	13.64
07250 - Waiter/Waitress	8.15
09000 - Furniture Maintenance and Repair Occupations	
09010 - Electrostatic Spray Painter	13.42
09040 - Furniture Handler	10.68
09070 - Furniture Refinisher	14.76
09100 - Furniture Refinisher Helper	11.42
09110 - Furniture Repairer, Minor	13.01
09130 - Upholsterer	14.76
11030 - General Services and Support Occupations	

11030 - Cleaner, Vehicles	
11060 - Elevator Operator	9.23
11090 - Gardener	8.65
11121 - House Keeping Aid I	12.51
11122 - House Keeping Aid II	8.12
11150 - Janitor	9.51
11210 - Laborer, Grounds Maintenance	9.39
11240 - Maid or Houseman	10.28
11270 - Pest Controller	8.12
11300 - Refuse Collector	11.94
11330 - Tractor Operator	8.16
11360 - Window Cleaner	11.76
12000 - Health Occupations	10.21
12020 - Dental Assistant	
12040 - Emergency Medical Technician (EMT)/Paramedic/Ambulance Driver	15.82
12071 - Licensed Practical Nurse I	13.66
12072 - Licensed Practical Nurse II	12.66
12073 - Licensed Practical Nurse III	14.21
12100 - Medical Assistant	15.89
12130 - Medical Laboratory Technician	11.37
12160 - Medical Record Clerk	12.31
12190 - Medical Record Technician	11.30
12221 - Nursing Assistant I	13.68
12222 - Nursing Assistant II	8.25
12223 - Nursing Assistant III	9.26
12224 - Nursing Assistant IV	10.12
12250 - Pharmacy Technician	11.34
12280 - Phlebotomist	11.89
12311 - Registered Nurse I	11.34
12312 - Registered Nurse II	17.44
12313 - Registered Nurse II, Specialist	21.31
12314 - Registered Nurse III	21.31
12315 - Registered Nurse III, Anesthetist	25.80
12316 - Registered Nurse IV	25.80
13000 - Information and Arts Occupations	30.92
13002 - Audiovisual Librarian	
13011 - Exhibits Specialist I	18.40
13012 - Exhibits Specialist II	15.40
13013 - Exhibits Specialist III	18.69
13041 - Illustrator I	21.90
13042 - Illustrator II	16.94
13043 - Illustrator III	20.56
13047 - Librarian	22.39
13050 - Library Technician	19.83
13071 - Photographer I	12.40
13072 - Photographer II	12.38
13073 - Photographer III	15.06
13074 - Photographer IV	18.28
13075 - Photographer V	20.29
15000 - Laundry, Dry Cleaning, Pressing and Related Occupations	23.48
15010 - Assembler	
15030 - Counter Attendant	7.15
15040 - Dry Cleaner	7.15
15070 - Finisher, Flatwork, Machine	8.82
15090 - Presser, Hand	7.15
15100 - Presser, Machine, Drycleaning	7.15
15130 - Presser, Machine, Shirts	7.15
15160 - Presser, Machine, Wearing Apparel, Laundry	7.15
15190 - Sewing Machine Operator	7.15
15220 - Tailor	9.93
	9.82

15250 - Washer, Machine	7.77
19000 - Machine Tool Operation and Repair Occupations	
19010 - Machine-Tool Operator (Toolroom)	15.96
19040 - Tool and Die Maker	19.90
21000 - Material Handling and Packing Occupations	
21010 - Fuel Distribution System Operator	16.46
21020 - Material Coordinator	16.43
21030 - Material Expediter	16.43
21040 - Material Handling Laborer	10.01
21050 - Order Filler	10.63
21071 - Forklift Operator	12.54
21080 - Production Line Worker (Food Processing)	12.61
21100 - Shipping/Receiving Clerk	11.42
21130 - Shipping Packer	11.66
21140 - Store Worker I	8.71
21150 - Stock Clerk (Shelf Stocker; Store Worker II)	11.12
21210 - Tools and Parts Attendant	12.54
21400 - Warehouse Specialist	12.54
23000 - Mechanics and Maintenance and Repair Occupations	
23010 - Aircraft Mechanic	20.25
23040 - Aircraft Mechanic Helper	14.81
23050 - Aircraft Quality Control Inspector	21.40
23060 - Aircraft Servicer	16.90
23070 - Aircraft Worker	18.01
23100 - Appliance Mechanic	13.42
23120 - Bicycle Repairer	10.67
23125 - Cable Splicer	17.97
23130 - Carpenter, Maintenance	16.00
23140 - Carpet Layer	16.65
23160 - Electrician, Maintenance	20.26
23181 - Electronics Technician, Maintenance I	20.45
23182 - Electronics Technician, Maintenance II	21.75
23183 - Electronics Technician, Maintenance III	23.05
23260 - Fabric Worker	14.93
23290 - Fire Alarm System Mechanic	20.21
23310 - Fire Extinguisher Repairer	14.91
23340 - Fuel Distribution System Mechanic	21.73
23370 - General Maintenance Worker	14.04
23400 - Heating, Refrigeration and Air Conditioning Mechanic	16.06
23430 - Heavy Equipment Mechanic	16.93
23440 - Heavy Equipment Operator	17.58
23460 - Instrument Mechanic	17.97
23470 - Laborer	10.01
23500 - Locksmith	16.24
23530 - Machinery Maintenance Mechanic	18.55
23550 - Machinist, Maintenance	14.19
23580 - Maintenance Trades Helper	12.90
23640 - Millwright	17.97
23700 - Office Appliance Repairer	16.96
23740 - Painter, Aircraft	17.76
23760 - Painter, Maintenance	14.85
23790 - Pipefitter, Maintenance	18.14
23800 - Plumber, Maintenance	17.20
23820 - Pneudraulic Systems Mechanic	17.97
23850 - Rigger	17.97
23870 - Scale Mechanic	15.94
23890 - Sheet-Metal Worker, Maintenance	17.47
23910 - Small Engine Mechanic	13.88
23930 - Telecommunication Mechanic I	18.50
23931 - Telecommunication Mechanic II	22.54

23950 - Telephone Lineman	18.50
23960 - Welder, Combination, Maintenance	13.89
23965 - Well Driller	17.97
23970 - Woodcraft Worker	17.97
23980 - Woodworker	13.91
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	7.49
24580 - Child Care Center Clerk	10.74
24600 - Chore Aid	8.82
24630 - Homemaker	13.13
25000 - Plant and System Operation Occupations	
25010 - Boiler Tender	21.39
25040 - Sewage Plant Operator	20.18
25070 - Stationary Engineer	21.39
25190 - Ventilation Equipment Tender	14.26
25210 - Water Treatment Plant Operator	20.18
27000 - Protective Service Occupations	
(not set) - Police Officer	12.85
27004 - Alarm Monitor	10.47
27006 - Corrections Officer	14.14
27010 - Court Security Officer	12.85
27040 - Detention Officer	14.14
27070 - Firefighter	12.85
27101 - Guard I	9.72
27102 - Guard II	11.95
28000 - Stevedoring/Longshoremen Occupations	
28010 - Blocker and Bracer	15.94
28020 - Hatch Tender	15.94
28030 - Line Handler	15.94
28040 - Stevedore I	13.76
28050 - Stevedore II	16.81
29000 - Technical Occupations	
21150 - Graphic Artist	19.31
29010 - Air Traffic Control Specialist, Center (2)	29.93
29011 - Air Traffic Control Specialist, Station (2)	20.63
29012 - Air Traffic Control Specialist, Terminal (2)	22.72
29023 - Archeological Technician I	13.35
29024 - Archeological Technician II	15.76
29025 - Archeological Technician III	17.86
29030 - Cartographic Technician	23.79
29035 - Computer Based Training (CBT) Specialist/ Instructor	25.15
29040 - Civil Engineering Technician	18.68
29061 - Drafter I	11.99
29062 - Drafter II	17.08
29063 - Drafter III	19.95
29064 - Drafter IV	24.76
29081 - Engineering Technician I	14.18
29082 - Engineering Technician II	15.98
29083 - Engineering Technician III	18.82
29084 - Engineering Technician IV	22.04
29085 - Engineering Technician V	26.93
29086 - Engineering Technician VI	32.58
29090 - Environmental Technician	20.27
29100 - Flight Simulator/Instructor (Pilot)	27.62
29160 - Instructor	19.63
29210 - Laboratory Technician	15.32
29240 - Mathematical Technician	20.58
29361 - Paralegal/Legal Assistant I	13.66
29362 - Paralegal/Legal Assistant II	17.45
29363 - Paralegal/Legal Assistant III	19.45

29364 - Paralegal/Legal Assistant IV	23.72
29390 - Photooptics Technician	17.75
29480 - Technical Writer	23.54
29491 - Unexploded Ordnance (UXO) Technician I	19.02
29492 - Unexploded Ordnance (UXO) Technician II	23.01
29493 - Unexploded Ordnance (UXO) Technician III	27.58
29494 - Unexploded (UXO) Safety Escort	19.02
29495 - Unexploded (UXO) Sweep Personnel	19.02
29620 - Weather Observer, Senior (3)	15.55
29621 - Weather Observer, Combined Upper Air and Surface Programs (3)	15.20
29622 - Weather Observer, Upper Air (3)	14.23
31000 - Transportation/ Mobile Equipment Operation Occupations	
31030 - Bus Driver	12.01
31260 - Parking and Lot Attendant	8.18
31290 - Shuttle Bus Driver	11.91
31300 - Taxi Driver	8.27
31361 - Truckdriver, Light Truck	12.22
31362 - Truckdriver, Medium Truck	12.84
31363 - Truckdriver, Heavy Truck	15.49
31364 - Truckdriver, Tractor-Trailer	15.49
99000 - Miscellaneous Occupations	
99020 - Animal Caretaker	9.67
99030 - Cashier	8.72
99041 - Carnival Equipment Operator	8.72
99042 - Carnival Equipment Repairer	9.28
99043 - Carnival Worker	6.80
99050 - Desk Clerk	8.65
99095 - Embalmer	19.02
99300 - Lifeguard	9.67
99310 - Mortician	19.02
99350 - Park Attendant (Aide)	12.13
99400 - Photofinishing Worker (Photo Lab Tech., Darkroom Tech)	9.67
99500 - Recreation Specialist	11.90
99510 - Recycling Worker	9.79
99610 - Sales Clerk	9.67
99620 - School Crossing Guard (Crosswalk Attendant)	8.83
99630 - Sport Official	9.67
99658 - Survey Party Chief (Chief of Party)	13.13
99659 - Surveying Technician (Instr. Person/Surveyor Asst./Instr.)	12.13
99660 - Surveying Aide	9.39
99690 - Swimming Pool Operator	11.85
99720 - Vending Machine Attendant	9.66
99730 - Vending Machine Repairer	11.85
99740 - Vending Machine Repairer Helper	9.66

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$2.59 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, 4 weeks after 15 years, and 5 weeks after 25 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg.

29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

- 1) Does not apply to employees employed in a bona fide executive, administrative, or professional capacity as defined and delineated in 29 CFR 541. (See CFR 4.156)
- 2) APPLICABLE TO AIR TRAFFIC CONTROLLERS ONLY - NIGHT DIFFERENTIAL: An employee is entitled to pay for all work performed between the hours of 6:00 P.M. and 6:00 A.M. at the rate of basic pay plus a night pay differential amounting to 10 percent of the rate of basic pay.
- 3) WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

**** UNIFORM ALLOWANCE ****

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

** NOTES APPLYING TO THIS WAGE DETERMINATION **

Under the policy and guidance contained in All Agency Memorandum No. 159, the Wage and Hour Division does not recognize, for section 4(c) purposes, prospective wage rates and fringe benefit provisions that are effective only upon such contingencies as "approval of Wage and Hour, issuance of a wage determination, incorporation of the wage determination in the contract, adjusting the contract price, etc." (The relevant CBA section) in the collective bargaining agreement between (the parties) contains contingency language that Wage and Hour does not recognize as reflecting "arm's length negotiation" under section 4(c) of the Act and 29 C.F.R. 5.11(a) of the regulations. This wage determination therefore reflects the actual CBA wage rates and fringe benefits paid under the predecessor contract.

Source of Occupational Title and Descriptions:

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations," Fourth Edition, January 1993, as amended by the Third Supplement, dated March 1997, unless otherwise indicated. This publication may be obtained from the Superintendent of Documents, at 202-783-3238, or by writing to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Copies of specific job descriptions may also be obtained from the appropriate contracting officer.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C) (vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation) and computes a proposed rate).
- 2) After contract award, the contractor prepares a written report listing in order proposed classification title), a Federal grade equivalency (FGE) for each proposed classification), job description), and rationale for proposed wage rate), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.